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PATENT

By Denise M. Villanueva

Attorney Docket No. 018547-015510US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

OCT 02 1998

Barone et al.

Serial No.: 08/574,461

Filed: November 30, 1995

For: METHODS AND COMPOSITIONS
FOR MONITORING POLYMER ARRAY
SYNTHESIS

Examiner: J. Ricigliano

Art Unit: 1648

AMENDMENT AFTER FINAL

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the final office action mailed April 29, 1998, entry of the following amendment for purposes of placing the application in condition for immediate allowance, or alternatively, in better form for consideration on appeal is respectfully requested.

IN THE CLAIMS

Please cancel claim 9. Please amend the claims as follows. Unamended pending claims are reproduced in small type for ease of reference.

1. (Amended) A method of monitoring polymer array synthesis on a solid substrate comprising:

(i) [providing] synthesizing a preselected array of [labeled] diverse polymers connected to cleavable linkers on a planar surface of solid substrate, whereby the diverse polymers occupy different regions of the substrate;

(ii) cleaving [the array of labeled] diverse polymers from the solid substrate by cleaving the cleavable linkers, thereby creating [labeled] a mixture of diverse unbound polymers; and,